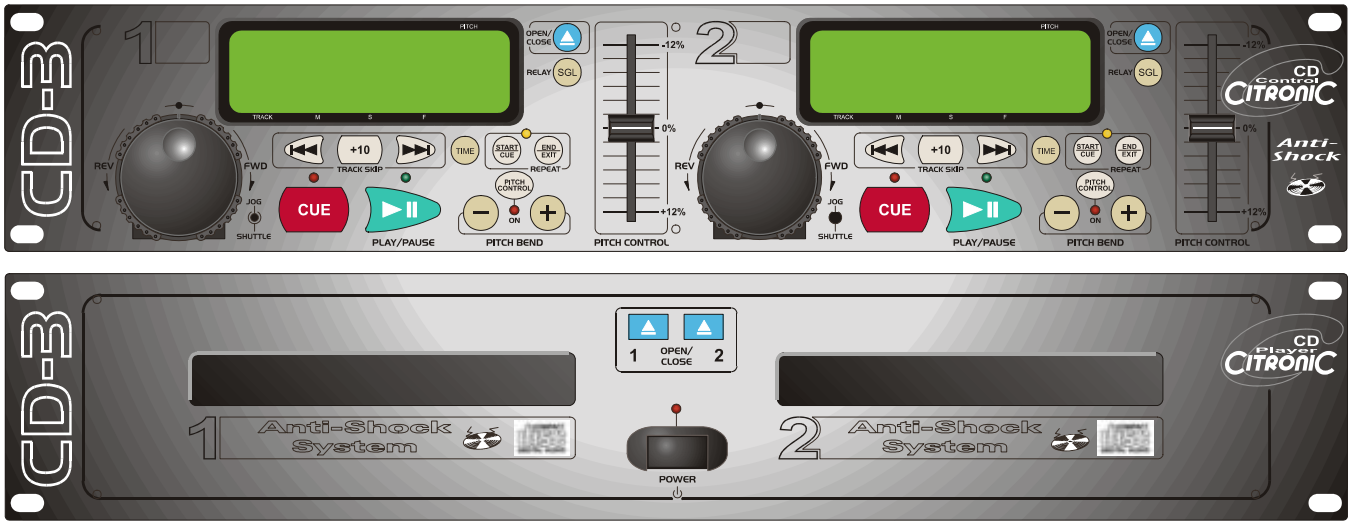
CITRONIC CD-3

Professional DJ Dual CD Player & Controller



Anti-Shock System

COMPACT disc DIGITAL AUDIO

OWNERS MANUAL

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ABOUT CITRONIC

Thank you for choosing Citronic and the CD-3 Anti-Shock dual CD player and controller. You have joined a discerning group of DJ's and operators who value design integrity, quality and state of the art facilities.

Established in Melksham, Wiltshire in 1972, Citronic occupies prestigious purpose built factory headquarters. The award winning product range covers professional audio mixers, amplifiers and signal processing.

Each unit is manufactured to the highest possible standards and all have an enviable reputation for reliability and value for money – the noted hallmark of Citronic products.

Substantial investment has been made in high technology CAD systems, manufacturing control and testing techniques. This sophisticated computerisation coupled with an extensive research and development program, enables the company to offer an exceptional degree of manufacturing excellence and quality assurance.

Citronic has always listened carefully to the customer and places tremendous emphasis on market research. This ensures that the exacting requirements of the DJ are complimented without compromise, throughout the entire product range. This unique approach, coupled with a strong input from a highly qualified engineering team, ensures that Citronic maintains its position as a respected leader, in the industry's development.

Citronic has a distribution network throughout Europe, Asia and the Americas.

Enjoy your new purchase.

WARNING

In order to obtain the best service from the unit we STRONGLY recommend that you read this manual before you apply any power.

Important Safety Information

Warnings:

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

To reduce the risk of electric shock, do not remove the cover (or back). There are no serviceable parts inside. Always refer servicing to qualified service personnel.

Cautionary Notes:

- Handle the power supply cord carefully. Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.
- In order to prevent electric shock, do not open the top cover. If a problem occurs, contact your dealer.
- Do not place metal objects or spill liquid inside the CD player. Electric shock or malfunction may result.
- Any use of the controls, or any adjustment, or the performance of any procedure other than those specified herein may result in hazardous radiation exposure.
- The compact disc player should not be opened or repaired by anyone except properly qualified service personnel.
- Double insulated - when servicing, use only identical replacement parts.

Important Information:

- The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
- This CD player uses a semiconductor-based laser. To allow you to enjoy music in a stable manner, it is recommended to operate the appliance between 41°f-95°f (5°c-35°c).
- This unit may cause interference to radio and television reception.

Line Voltage Selection

(For Multiple Voltage Model Only)

- The desired voltage may be set with the voltage selector switch on the rear panel, using a screwdriver.
- Do not twist the voltage selector switch with excessive force as this may cause damage.
- If the voltage selector switch does not move smoothly, please contact a qualified service person.

Your Serial Number

Please, record and retain serial number of your CD-3 shown on the rating label.

My Serial Number Is : _____

US & Canadian Models Only

Caution

To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Safety Instructions

All the safety and operating instructions should be read before the appliance is operated.

1. Retain Instructions - The safety and operating instructions should be retained for future reference.

2. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.

3. Follow Instructions - All operating and use instructions should be followed.

4. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.

5. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

6. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

7. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built - in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

9. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

10. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

11. Power - Cord Protection - Power - supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.

12. Cleaning - The appliance should be cleaned only as recommended by the manufacturer. Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the appliance.

13. Disconnect power cord before servicing.

14. Replace critical components only with factory parts or recommended equivalents.

15. For AC line powered units - Before returning repaired unit to user, use an ohm - meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.

16. Non - use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

17. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

18. Damage Requiring Service - The appliance should be serviced by qualified service personnel when;

    - The power supply cord or the plug has been damaged; or
    - Objects have fallen, or liquid has been spilled into the appliance; or
    - The appliance has been exposed to rain; or
    - The appliance does not appear to operate Normally or exhibits a marked change in performance; or
    - The appliance has been dropped, or the enclosure damaged.

19. Servicing - The user should not attempt any service to the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

20. Ventilation - The appliance should be situated so that the location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built - in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

21. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.

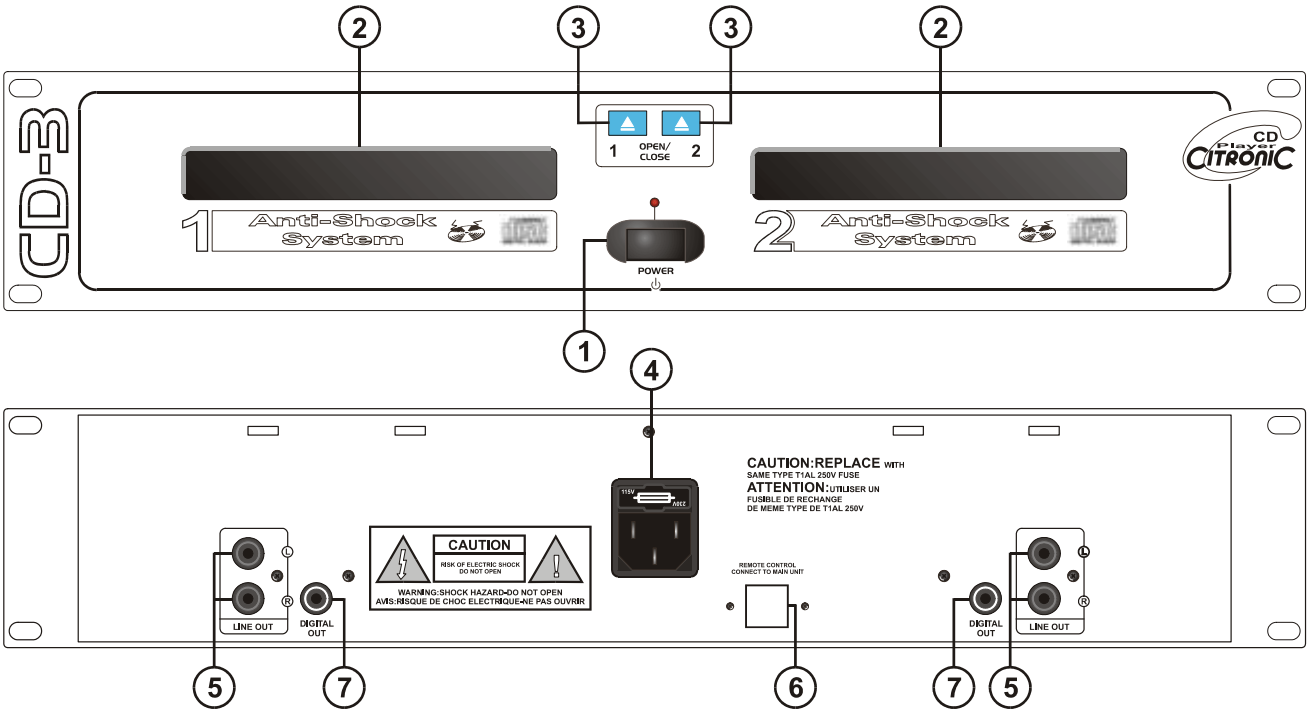
22. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Installation Notes & Use

- Allow for sufficient heat dispersion when installed on a rack.
- Handle the power cord carefully.
- Hold the plug when unplugging the cord.
- Keep the appliance free from moisture, water, and dust.
- Unplug the power cord when not using the appliance for long periods of time.
- Do not obstruct the ventilation holes. (For units with ventilation holes)
- Do not drop foreign objects into the unit.
- Do not let insecticides, benzene, and thinner come in contact with the set.
- Never disassemble or modify the set in any way.
- For 220 volt use in USA, USA nema style 220 volt plug. For other countries, use proper plug for the local outlet.

DESCRIPTION OF THE FUNCTIONS

Function of the Main Unit:



1. POWER (Power Switch)

Press the power switch to turn the unit on. To switch the POWER off press the POWER switch again.

2. DISC TRAY

The disc is placed on this tray. Pressing the disc tray open/close buttons ③ will open or close the tray.

3. OPEN/CLOSE (Disc Tray Open/Close Button)

Press to load or eject the disc. Each press will open or close the disc tray ②.

The remote control is also quipped with similar buttons.

NOTE: Tray will not open unless stop or pause button has been push first.

4. AC INPUT

Connecting this power cord into an AC wall outlet with the proper AC voltage.

5. LINE OUT (Output Jacks)

The audio from each CD player is output from these jacks. Connect to the line input of the mixer.

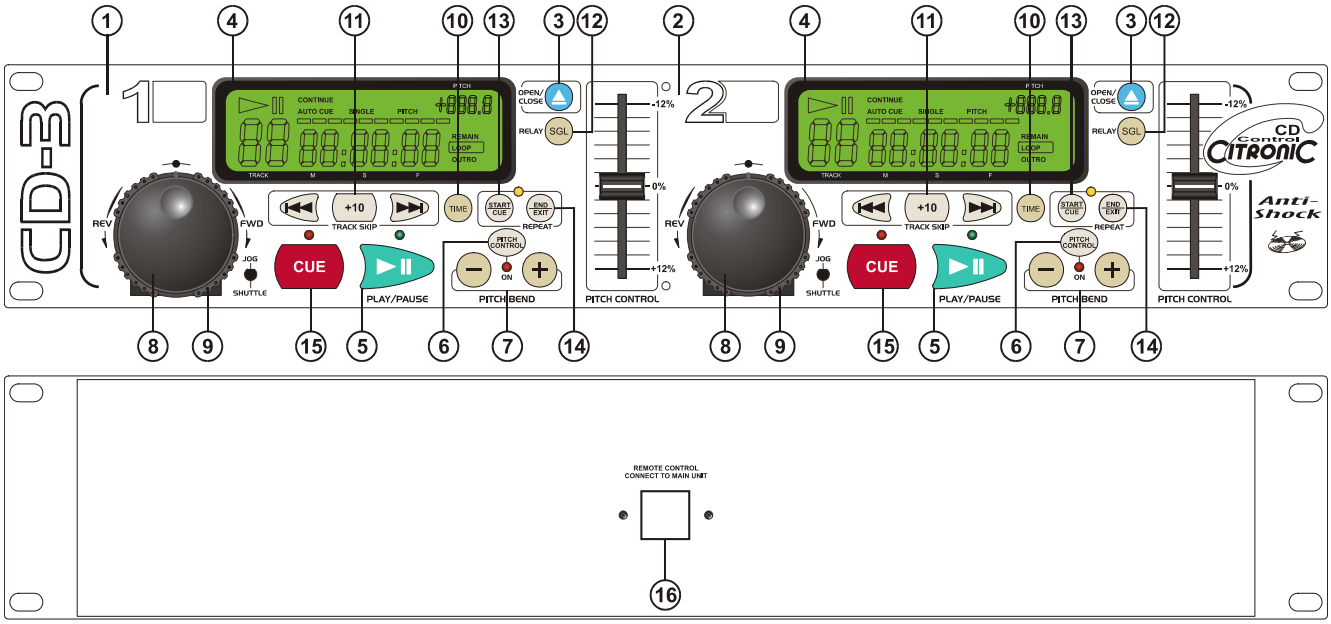
6. CONNECTOR PORTS

The 8-pin socket permits the connection of the main unit to the control unit.

7. DIGITAL OUT

The digital from each CD player is output from these jacks. Connect to the line input of the D/A Amplifier.

Function of the Control Unit



1. UNIT-1 Control Operation Panel

This operation panel remotely controls the main unit 1.

2. UNIT-2 Control Operation Panel

This operation panel remotely controls the main unit 2.

3. OPEN/CLOSE (Disc Tray Open/Close Button)

Press to load or eject the disc. Each press will open or close the disc tray.

NOTE: Tray cannot be opened during playing.

4. L.C.D

These liquid crystal displays (L.C.D) indicate the track numbers, time (minutes, seconds, frames)."

5. PLAY/PAUSE

Each press of this button causes the operation to change between PLAY and PAUSE modes.

6. PITCH

This button changes the play speed.

Press PITCH button (the PITCH LED is lit) to enable the PITCH CONTROL. The pitch can be changed up to ± 12% by moving the sliding bar up and down.

NOTE: The pitch will not be changed if the PITCH LED is off.

7. PITCH BEND (+/-)

When each of the two CD players is playing a CD, the pitch" bend function allows the position of the bass beats to be matched after the pitch has been adjusted. The pitch will automatically rise (+12%) when pitch bend " + " button is" pressed (Pitch LED blinks) and return to the original pitch when it is released. The pitch will drop (-12%) while the pitch bend " - " button is pressed (Pitch LED blinks). By changing the pitch in this way the positioning of the beats can be matched.

8. SEARCH (JOG)

This contains two functions:

*** Speed. Control**

Rotating this dial in play mode will change playback speed accordingly. Rotate clockwise, the player speed increases;" rotate counter-clockwise, the speed decreases."

*** Searching**

Rotating this dial in Pause mode, the player will forward or " backward to the desired point for start. The searching speed changed according to the dialing speed. It can be carried out by 1 frame increment.

9. SCAN (SHUTTLE)

This is used to select the scanning direction and speed. When the shuttle is turned forward, the player speeds up; in contrast," the playback slows down when it is turned reverse.

10.TIME/OUTRO (TIME/STOP Button)

This button switches the time display between each Elapsed playing time, Remaining time, and Total remaining time; it" also switches on and off the OUTRO function. When the display shows OUTRO, the player only plays the last 30" seconds of each track.

NOTE: pressing this buttons for three seconds will automatically stop the playing unit.

11.TRACK SKIP

This button selects a specific track to be played.

+10: Press this button to forward 10 tracks

12.CONT./SINGLE (CONT./SINGLE Button)

Press this button to switch between the 4 modes: SINGLE, CONTINUE, SINGLE RELAY AND CONTINUE RELAY.

In SINGLE and CONTINUE mode the selected mode is indicated on the LCD.

In SINGLE Relay and CONTINUE Relay modes, the display" indicator (AUTO CUE/SINGLE, or CONTINUE) is flashing."

Mode 1: Single/Auto Cue

Play 1 track on any unit then pause at the beginning of the next track. This means the 2 units can work independent of each other.

Mode 2: Continue

Play the tracks one after each other on any unit then stop. This means the 2 units can work independent of each other.

Mode 3: Single Relay

Play 1 track on the 1st unit, pause it, then play cued track on" the 2nd unit and so on. This means after the playing side get to the end, it will pause, and the other side will start playing."

Mode 4: Continue Relay

Play one complete CD on one unit, it will stop and then play" the CD on the second unit. This means after the playing side get to the end of disc, it will stop, and the other side will start" playing.

Note: CONTINUE RELAY can work only while one unit is in " play " mode and the other one is in " stop " mode.

13.START/CUE FUNCTION

Press this button to memorize the exact start point for REPEAT playback mode. This function is used in conjunction with the END/EXIT button. The START/CUE button is also used to alter the CUE point, which is automatically set to the start of the music. If a new cue point is desired then follow the instructions below:

a) Put the unit in to PAUSE mode.

b) Using the JOG/SHUTTLE dials find the new desired start point.

c) Now press the START/CUE button followed by the large red CUE button to enter the new cue point.

14.END/EXIT

After a start point has been memorized using the START/CUE button, a finish point needs to be terminated using the END/EXIT button. Once pressed the player will repeat the section of music between the start & end set points.

To cancel this repeat function, simply press the END/EXIT button once more.

NOTE: When REPEAT is in use and play is paused, pressing START button will change START point without deleting the end point.

15.RELAY

To relay the music between unit 1 and unit 2. It can be performed in Single /Auto Cue mode as well as in Continue mode.

(1) In Single /Auto Cue mode

One track of each unit performed alternately under the condition as below.

- Both the time displays show "single auto cue".
- One unit in PLAY mode, and the other one in PAUSE mode.

After the playing side get to the end, it will PAUSE, and the " other side will start playing; pressing the button to pause the playing side will start the other side to play.

(2) In Continue mode

One disc of each unit performed alternately under the condition as below:

- Both the time displays show "continue".
- One unit in PLAY mode, and the other one in STOP mode.

After the playing side gets to the end disc, it will STOP, and the other side will start Playing.

Note:

1. Relay can work when one unit is on "play" mode and the" other one on "stop" mode. If on search or pause mode" relay cannot work.

2. It will go direct to "single/auto cue" mode for both units when power on.

16.CUE

The CUE function allows the CD to be played from a setup point any number of times.

Press the PLAY/PAUSE button to pause a playing song, then press the CUE button to set up a position where the play can be returned after the CUE is hit again.

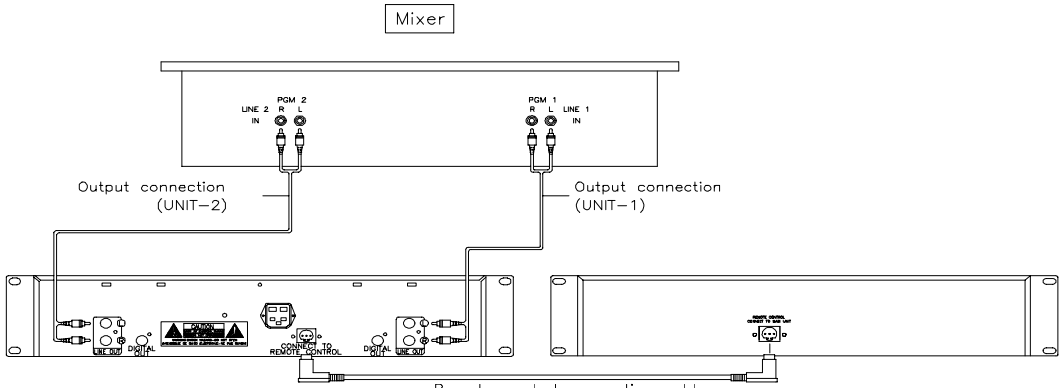
The CUE LED will stop flashing from the time the CUE button is pressed.

17.CONNECTOR PORTS

The 8-pin termination permits the connection of the control unit to the main unit.

Connections

A typical connection with a mixer is illustrated below. Please use it for reference.



- Connect the connection cords to the line inputs of your mixer.
-The connection cords and the remote control connection cable are supplied with the main unit.
-Be sure to use the remote control connection cable, which has been supplied. Use of another cable type might cause
Damage

ANTI SHOCK MEMORY

This CD Player is equipped with an anti-shock memory, wish memorize 10 seconds of music before reading, to be not in case of shock.

Warning: This system can't work in case of repetitive shocks or vibrations and if the memory is not completely charged.

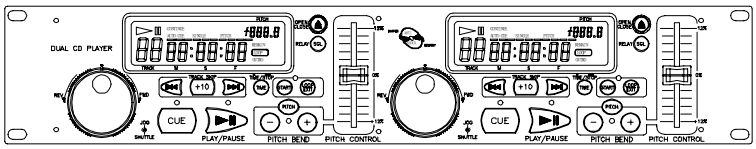
MATCHING THE BEATS PER MINUTE

Match the pitch by monitoring the music of both UNIT 1 and UNIT 2 by ear. When the tempo of the music of the selected CD player is slow compared to the tempo of the other player, move the slider to the + side and match the tempo. When fast, move to the - side.

The following description is for the case of matching the pitch of UNIT 2 to the pitch of the music being played on UNIT 1.

UNIT 1 is playing.

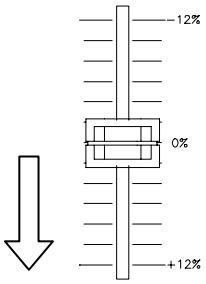
Press PLAY/PAUSE to start UNIT 2.



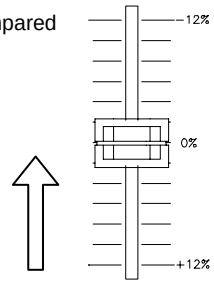
Both CD players are playing discs.

Listen to UNIT 2 in your headphones.

When UNIT 2 is slow compared to UNIT 1



When UNIT 2 is fast compared to UNIT 1



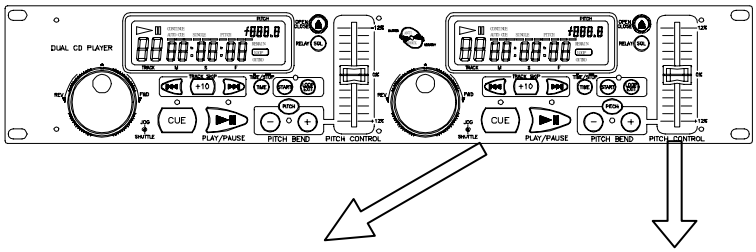
Beat Matching Using Pitch Bend

A description of the procedure for matching the beat of UNIT 1 and UNIT 2 using the PITCH BEND stick is given below.

This description is for the case of matching the beat of UNIT 2 to the beat of the music being played on UNIT 1.

(This procedure can be done on either Unit).

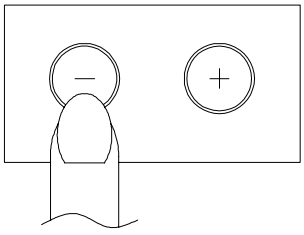
After Matching the BPM's

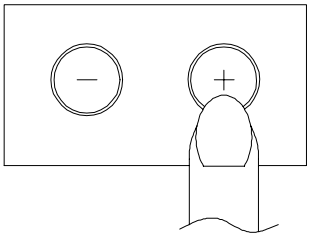


BPM's (Beat Per Minute) are the same, however the bass beats are not matched.

When UNIT 2 is ahead.

When UNIT 2 is behind.

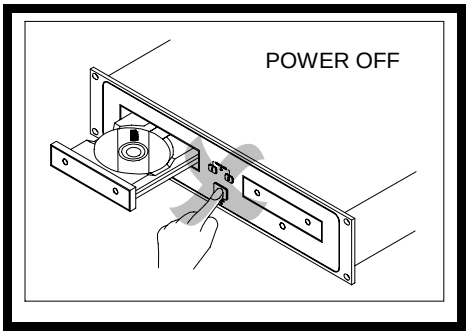




BEFORE SWITCHING OFF THE POWER

When you have finished using the CD player, before switching off the power be sure that the disc tray has been closed with the OPEN/CLOSE button.

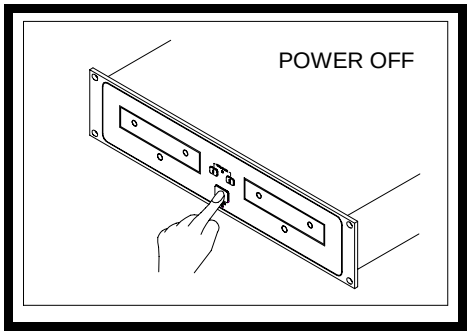
X



Do not switch off the power when the disc holder is open.

POWER OFF

O



Switch off the power after the disc holder has been closed with the OPEN/CLOSE button.

POWER OFF

TROUBLESHOOTING GUIDE

If difficulties arise with your compact disc player, locate the apparent problem in the left-hand column of the table and follow the corrective action suggested in the right-hand column.

1. Is the compact disc player properly connected to the amplifier?

2. Is the amplifier set for the proper operation?

3. Have the operating instructions for the compact disc player been followed?

Symptom	Possible Cause	Corrective Action
The power fails to switch on when the POWER switch is set to ON	Poor power plug connection at the AC outlet.	Insert the power plug firmly into the AC outlet.
Disc play does not start	The disc is loaded upside down. The disc is too dirty.	Reload the disc with the label side up. Clean the disc.
No sound	Improper output cable connections. Improper amplifier operation.	Connect the output cable properly. Make sure that the amplifier controls are set properly.
Sound skips	The CD player is subject to vibrations or physical shock.	Change the installation location.
Hum	Loose cable connections.	Firmly connect all audio plugs.

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